CLAIMS

What is claimed is:

1. A fluid driven lighting system, comprising:

a showerhead;

a fluid driven power supply configured to receive incoming fluid and release outgoing fluid to the showerhead; and

one or more lights electrically connected to the fluid driven power supply.

2. The system according to claim 1, wherein the fluid driven power supply is a water driven turbine that includes:

a housing having an internal fluid path with a fluid inlet and a fluid outlet;

a rotatable turbine wheel positioned in the internal fluid path;

a generator positioned proximate the housing; and

a turbine shaft connecting the rotatable turbine wheel and generator.

3. The system according to claim 2, wherein the housing further includes a fluid flow valve.

4. The system according to claim 1, further comprising a rechargeable battery electrically connected to the fluid driven power supply.

5. The system according to claim 1, wherein the one or more lights produce one or more colors.

6. The system according to claim 1, wherein the one or more lights illuminate fluid released by the showerhead.

7. The system according to claim 1, wherein the one or more lights comprise one or more light emitting diodes.

8. The system according to claim 1, wherein the showerhead is formed from a translucent material.

9. The system according to claim 8, wherein the one or more lights are integral to the translucent material.

10. The system according to claim 8, wherein the one or more lights illuminate the translucent material.

11. The system according to claim 8, wherein the translucent material forms an optical lens element.

12. An illuminating showerhead assembly comprising:

a hollow body formed from a translucent material, the hollow body being configured to receive incoming fluid and to release outgoing fluid;

one or more lights attached to the hollow body; and

a fluid driven power supply for powering the one or more lights, the fluid driven power supply configured to receive inlet fluid from a fluid source and release fluid to the hollow body.

13. The assembly according to claim 12, wherein the fluid driven power supply comprises a water driven turbine having:

a housing having an internal fluid path with a fluid inlet and a fluid outlet;

a rotatable turbine wheel positioned in the internal fluid path;

a generator positioned proximate the housing; and

a turbine shaft connecting the rotatable turbine wheel and generator.

14. The assembly according to claim 12, further including a rechargeable battery electrically connected to the fluid driven power supply.

15. The assembly according to claim 12, wherein the one or more lights are integral to the hollow body.

16. The assembly according to claim 12, wherein the one or more lights illuminate fluid released by the hollow body.

17. The assembly according to claim 12, wherein the one or more lights comprise one or more light emitting diodes.

18. The assembly according to claim 12, wherein the one or more lights illuminate the hollow body.

19. A water fixture comprising:

a water inlet;

a water outlet; and

an inline water driven power supply located between the water inlet and the water outlet, the inline water driven power supply being configured to receive an incoming water flow from the water inlet, generate electrical power from the incoming water flow, and release an outgoing water flow to the water outlet.

20. A water fixture according to claim 19, wherein the inline water driven power supply comprises:

a housing having an internal fluid path configured to receive the incoming water flow and release the outgoing water flow to the water outlet;

a rotatable turbine wheel positioned in the internal fluid path;

a generator positioned proximate the housing; and

a turbine shaft connecting the rotatable turbine wheel and generator.

21. A water fixture according to claim 19, further comprising a rechargeable battery electrically connected to the inline water driven power supply.

22. A water fixture according to claim 19, further comprising one or more lights powered by the inline water driven power supply.

23. A water fixture according to claim 22, further comprising a translucent showerhead located between the water inlet and the water outlet, wherein the one or more lights illuminate the translucent showerhead.

24. A water fixture according to claim 22, further comprising a showerhead located between the water inlet and the water outlet, wherein the one or more lights illuminate outgoing fluid emitted from the showerhead.